DRAFT

UNIFIRST REMEDIAL ACTION CONSTRUCTION COMPLETION REPORT

Northeast Quadrant of
the Wells G & H Site
Woburn, Massachusetts

PREPARED FOR

UniFirst Corporation

SUBMITTED TO

U.S. Environmental Protection Agency
Region I

December 9, 1992

The Johnson Company, Inc.
5 State Street
Montpelier, Vermont 05603

The construction and scheduling of various components was coordinated by both EPC and JCO. The construction sequence is summarized in Table 3 below.

TABLE 3
CONSTRUCTION SEQUENCE

DATE(S)	ACTIVITY	RESPONSIBLE CONTRACTOR
8/24/92	Exploratory test pits for buried pipe installations	Franklin Environmental
8/25 - 8/28/92	Installation of floor trench drains, demolition and excavation for pipe penetrations into building	Franklin Environmental
9/1 - 9/14/92	Installation of influent and discharge pipe	Franklin Environmental
9/1 - 9/14/92	Treatment area building improvements	Group Nine
9/1 - 9/30/92	Electrical installations and modifications	Ideal Electric
9/16/92	Well pump installation	D.L. Maher
9/14 - 9/30/92	Plumbing installations and modifications	BC Plumbing and Heating
10/14/92 - 10/28/92	Repaving and site restoration	Bardon Trimount Paving (Subcontractor to Franklin)

Periodic inspections of the construction work were performed by Johnson Company personnel. Copies of daily inspection reports from those activities are included in Appendix A.

The influent and discharge pipelines were pressure tested after installation per the construction specifications. The tests for the influent and discharge pipelines were performed by John Hoadley and Sons, Inc. and Sewer Tech, Inc., respectively. Copies of the results of the pressure tests are included in Appendix B.

Some soils testing was performed on the compacted backfill during the pipeline construction. The testing was not accomplished as frequently as desired due to several factors. The soil collected from the exploratory test pits which was tested to develop a relationship between percent compaction and optimum dry density did not reflect the majority of the soil materials encountered during construction. A majority of the soils encountered during the discharge pipe construction had been placed as fill, presumably when

the site was developed, and therefore varied considerably. Contaminated soil was encountered during the influent pipe trench excavation which required the creation of an exclusion zone. The soil testing technician on site that day was not OSHA trained for such conditions and therefore was not utilized. As a result of these conditions, engineering judgement was utilized to evaluate the adequacy of the backfill compaction in a majority of the trench locations. Soil testing reports that were developed, were prepared by UTS of Massachusetts, Inc. and are provided in Appendix B.

The majority of the construction work was completed by September 23, 1992, with the only remaining items at that time being miscellaneous plumbing installations.

The pre-operation checking and testing of the treatment system and control functions were performed from September 23 to September 29, 1992. Results of the pre-operation checking are summarized in Section 7.0. The treatment system was started up the afternoon of September 30, 1992.

4.0 DEVIATIONS FROM FINAL DESIGN

The treatment plant was constructed in general accordance with the approved plans and specifications with the exception of the following minor deviations from and additions to the approved plans which did occur during construction.

- Influent and discharge pipes were installed under the building footing instead of through the foundation wall. Relative footing elevations allowed this change to be made which eliminated the need to core through the concrete foundation wall. This modification allowed maximum cover over the pipes and easier and preferred installation.

- The hydrogen peroxide dike was revised to replace the pressure treated lumber components and utilize PVC bar stock to fasten the containment liner. This was done due to the potential for the lumber to be exposed to and react with hydrogen peroxide that may be spilled during long term operation, thereby creating a hazard to the system operator. The design was modified to include non-reactive materials where the potential for exposure to the hydrogen peroxide exists.

- Make-up air vents with motor operated louvers were installed in conjunction with the ventilation fan. This addition corrected a deficiency in the treatment room ventilation system which was previously overlooked.

- The power supply circuit for the U.V. Chemical Oxidation system was revised. The existing circuiting (from the May 1990 pilot test) included a transformer that provided 480 volt output from the available site voltage of 208. This transformer was removed and a pair of transformers were installed to provide 240 volt output required for the new U.V. Chemical Oxidation unit that was purchased for the long term treatment system.

- The remote starters for the backwash pump (P4) and the re-injection pump (P5) were revised from their proposed fixed, floor mounted positions. The installed starters are suspended on cable from junction boxes above the pumps with appropriate strain relief devices employed at both ends. The installed remote pump starter arrangement allows for greater operating freedom during pump start-up and easier access to the pumps for maintenance and other purposes.

- A carbon tank utilized during the pilot test of May 1990 was intended to be reused as the lead carbon tank in the long-term treatment system. During the system testing period it was revealed that the integrity of the existing tank walls had been compromised due to interior corrosion during its storage since the pilot test. The tank leaked at the top of the side shell along the weld at this point. Close inspection revealed the corrosion was extensive enough that successful repair by welding was unlikely. A replacement carbon tank was ordered and the carbon media transferred to it, from the existing tank. This new tank was put on line as the lead carbon tank on October 13, 1992.

- The well head detail at the pumping well (UC22) incorporates a 1-inch polyethylene pipe through the well head cap to allow manual water measurements. A locking guard was welded onto the cap to limit access to this level monitoring sleeve. The locking cap was installed to prevent unauthorized access to the level monitoring pipe.

5.0 HEALTH AND SAFETY

A Site Health and Safety Plan (HSP) was prepared for use during the Remedial Action Construction. The HSP was prepared and administered by JCO. Any construction personnel who had the potential to be exposed to contaminated soil or groundwater were required to have received 40 hour training as per 29 CFR1910.120. Proof of training was required of the various construction personnel and their training certificates kept filed on-site during the construction. Air monitoring was performed during all intrusive construction activities at the site. The organic vapor meter used for air monitoring was calibrated daily. Daily Health and Safety meetings were conducted most mornings prior to the start of work.

The air monitoring during construction indicated that the work could proceed in Level D personal protective equipment (PPE) with one exception described as follows. On August 31, 1992 an area of contaminated soil was encountered during trench excavation for the influent trench. All workers in the area of the trench were evacuated. JCO personnel upgraded to Level C PPE and monitored removal of the contaminated soil which was temporarily stock-piled on site, covered with polyethylene sheeting, and ultimately placed in roll off containers on the site for storage. The bulk of the contaminated soil was removed with a backhoe. Some hand excavation was performed by Franklin Environmental personnel in Level C PPE. The level of volatile organics in the breathing zone was generally below the action level for

upgrading to Level C PPE as the breathing zone was outside the confines of the trench. All hand excavation and associated air monitoring were performed in Level C PPE. The following day, after the contaminated soil had been stockpiled and covered with polyethylene sheeting, air monitoring in the trench indicated that the work could be performed in Level D PPE.

Two minor injuries occurred during the remedial action construction. Neither were related to soil or groundwater contamination at the site. These incidents are described as follows:

The first injury, on August 26, 1992, occurred during the concrete sawing for the floor trench drain installation. A piece of the diamond edge saw blade broke off and struck a Franklin Environmental worker in the back. The worker received a small abrasion and bruise from the impact. First aid was administered to the wound and an Accident/Incident Investigation Report Form filled out. The employee continued work and was advised to watch for any signs of infection.

The second incident occurred while a worker from D. L. Maher was cutting the UC-22 well casing with a torch for installation of the pitless adaptor on September 16, 1992. A piece of steel being cut from the casing flew off and struck the torch operator in the ear. After initial discomfort from the hot metal, the employee was able to continue work. He was advised to have the injury examined by his doctor and an Accident/Incident Investigation Report Form was completed.

6.0 LOCAL PERMITTING AND APPROVALS

The remedial action construction was completed under the U.S. EPA Superfund program. As a result, the EPA jurisdiction of this project superseded that of all other agencies as long as the substantive requirements of all laws and regulations are complied with. However, all normally appropriate local permits and approvals were sought and obtained for this project. This included a building permit, and Fire Department, Public Works, Board of Health and Conservation Commission review. Copies of the relevant permits and reports are included in Appendix C. Following is a chronological description of the local review and permitting that was accomplished for this project.

On September 3, 1992, Lt. Matheson of the Woburn Fire Department (WFD) inspected the site and provided, in writing, the requirements of the project with regard to fire protection and safety.

Also on September 3, 1992, an application was submitted to the City of Woburn for a building permit (see Appendix C). On September 8, 1992, Jeff Lawson of EPC and Joel Behrsing of JCO met with

APPENDIX A

CONSTRUCTION INSPECTION REPORTS

WEATHER P. CLOUDY	REF. LOC. 1-0741-1	CALENDAR DAYS CONTRACT ____
TEMPERATURE 80°F	DATE 8/31/92	CALENDAR DAYS CONSUMED ____
TIME 6:30 - 19:00	REPORT NO. 60	CALENDAR DAYS REMAINING ____

MUNICIPALITY WOBURN, MA.
PROJECT NAME WELLS G&H N.E. QUAD. - UNIFIRST SITE
CONTRACTOR FRANKLIN ENVIRONMENT SERVICES (FES)
~~SUB~~ CONTRACTOR IDEAL ELECTRIC

LABOR		EQUIPMENT	NO.	SIZE	WORK	
GEN. SUPER.	✓	BACKHOE/EXC.	J.D.	790	SITE WORK	
FOREMAN	✓	LOADER/BACKHOE			EXCAVATION	
EQUIP. OPER.	✓	F.E.LOADER			UTILITIES	
PIPELAYER		BULLDOZER			PIPE	
LABORER	2	GRADER			MANHOLES	
MASON		PAVER			SHEETING	
DRIVER		ROLLER			BACKFILL	
UNIF. POLICE		TRUCK			RESTORATION	
STEVE DAILEY	OPERATOR	COMPACTOR	PLATE		TESTING PIPE	
JOHN CORDERA		COMPRESSOR	X		TESTING MH	
JAMES SAYLERS		BOBCAT	X		HOUSE SERV.	
MARIO FERREIRA		PVT. SAW	X		PAVING	
TOM MCCOY					SEEDING	

VISITORS TO SITE

NAME(S)	REPRESENTING
JEFF LAWSON / EPC	

DESCRIPTION OF PROJECT ACTIVITIES AND OTHER OBSERVATIONS

ON-SITE 6:20 AM FRANKLIN ~ 7:00
START SAWING PAVEMENT / STOCKPILING BEDDING SAND

~9:30 START TRENCHING @ UC-22
CHECK 1ST BUCKET AND 3 FT. DOWN 0.0 PPM @ ~4.5 FT BGS 0.0 PPM
ABOUT 10 FT. FROM WELL HIT OLD CONST. DEBRIS
REBAR, CABLE, CONCRETE, ONE LARGE PIECE; CAN'T MOVE
4 FT BELOW GRADE - DECIDE TO LEAVE - ADD 6" FILL ABOVE
NATIVE GRADE. CUT OUT REBAR W/DEMOLITION SAW
~10:50 ~40-50 FT HIT ANOTHER LARGE PIECE OF REINF. CONCRETE
TOO SHALLOW REMOVE ~ 1.0 FT SQUARE, 10-12" THICK

~11:25 ~ 20 FT. BEFORE PVT. GET 59 PPM @ SOIL.
TELL WORKERS TO EVACUATE TRENCH
@ 11:30 18 PPM @ SOIL 0.1 PPM BREATHING ZONE; V. BREEZY
BREAK FOR LUNCH

BY: _____ PAGE 1 OF 2

DAILY PROJECT REPORT SITE INSPECTION	THE JOHNSON COMPANY, INC. Environmental Sciences and Engineering MONTPELIER, VERMONT

INSPECT.DWG

WEATHER MOSTLY SUNNY
TEMPERATURE
TIME

REF. LOC. 1-0741-1
DATE 8/31/92
REPORT NO. 6

MUNICIPALITY
PROJECT NAME WELLS G&H UNI-FIRST SITE
CONTRACTOR
SUB CONTRACTOR

DESCRIPTION OF PROJECT ACTIVITIES AND OTHER OBSERVATIONS

@11:54 J-B/JTL INVESTIGATE; DIG 4-6" DEEP HOLE BOTTOM TRENCH
– 33 ppm 0.5 ppm BREATHING ZONE
HAVE EXCAVATOR REMOVE A BUCKET 291 ppm @ SOIL
PROPPED TO 30-50 ppm 0.4 ppm BREATHING ZONE

DONNED RESPIRATOR – HAVE EXC. REMOVE TAN SOIL
TO GREY SOIL – BUCKET OF GREY SOIL 500 ppm → 150 ppm
STOCKPILE ON PLASTIC BY RETAINING WALL.

DISCUSS W/ JTL; DECIDE TO REMOVE AS MUCH AS POSSIBLE
IN AREA OF PIPE CONSTRUCTION FOR WORKER SAFETY

SELECTIVELY – REMOVE GREY SOIL STOCKPILE ON POLY
THIN (2-4") BLACK BAND OF MATERIAL; HAVE TOM & MARIO
SUIT UP LEVEL C; J-B ALSO TYVEK/BOOTS/GLOVES
HAND EXCAVATE MAJORITY OF BLACK MATERIAL FROM
TRENCH SIDES; ALSO FIRE BRICK IN BLACK ON N. SIDE TRENCH

~14:42 CONTINUED EXC. MONITOR EACH BUCKET/STOCKPILE ON POLY

BEGAN TO EXC. INTO PVT. BELOW 2ND PVT. LAYER 35 ppm
CONSTRUCT BERMED AREA OUT FRONT POLY LINED

CONTINUE EXC. MONITOR BUCKETS STOCKPILE OUT
FRONT. <1 ppm IN BREATHING ZONES

CONTINUE TO STOCKPILE SPOIL IN BERMED AREA
UNTIL READINGS < 2-3 ppm. THEN PLACED NEXT
TO TRENCH FOR BACKFILL.

16:40 STOP WORK.
EST. SOIL PILES ~25 yds EACH PILE

SECURE SITE; BLOCK ACCESS TO TRENCH WITH EQUIP.
TIE CAUTION TAPE EITHER SIDE OF FIRE LANE.

BY: Joel Behrsing
JOEL BEHRSING

DAILY PROJECT REPORT
SITE INSPECTION
CONTINUATION

THE JOHNSON COMPANY, INC.
Environmental Sciences and Engineering
MONTPELIER, VERMONT

INSPECT.DWG

WEATHER Mostly sunny	REF. LOC. 1-0741-1	CALENDAR DAYS CONTRACT ____
TEMPERATURE 75°-80°F	DATE 9/1/92	CALENDAR DAYS CONSUMED ____
TIME 6:45 – 18:00	REPORT NO. 7	CALENDAR DAYS REMAINING ____

MUNICIPALITY WOBURN, MA.
PROJECT NAME WELLS G&H - N.E. QUAD / UNI-FIRST SITE
CONTRACTOR FRANKLIN ENVIRONMENTAL SERVICES (FES)
SUB CONTRACTOR IDEAL ELECTRIC

LABOR		EQUIPMENT	NO.	SIZE	WORK	
GEN. SUPER.		BACKHOE EXC.	J.D.	790	SITE WORK	
FOREMAN		LOADER/BACKHOE			EXCAVATION	
EQUIP. OPER.		F.E.LOADER			UTILITIES	
PIPELAYER		BULLDOZER			PIPE	
LABORER		GRADER			MANHOLES	
MASON		PAVER			SHEETING	
DRIVER		ROLLER			BACKFILL	
UNIF.POLICE		TRUCK			RESTORATION	
		COMPACTOR	PLATE		TESTING PIPE	
		COMPRESSOR			TESTING MH	
		BOBCAT			HOUSE SERV.	
					PAVING	
					SEEDING	

VISITORS TO SITE

NAME(S)	REPRESENTING
GRETA STALEY / JEFF LAWSON	EPC
ED BRADLEY	FES
MIKE MOORE	ENSR

DESCRIPTION OF PROJECT ACTIVITIES AND OTHER OBSERVATIONS

FES PRENSENT – JIM SAYLOR; TOM McCOY; PAUL END; MARIO FERREIRA
MIKE ENGLAND
IDEAL ELEC. JIM HARDIN

ON-SITE 6:45 CALIBRATE OVM; FES @ ~7:00 AM
BRIEF H&S MEETING; NO ONE IN TRENCH UNTIL I MONITOR.
@ 7:33 ONE 3 PPM READING @ SOIL ON TRENCH SIDE
0.0 PPM IN BREATHING ZONE, CAUTION WORKERS AGAINST EXPOSE FRESH SOIL IE DON'T SCRAPE TRENCH SIDE

CONTINUED MONITOR IN TRENCH OF BREATHING ZONE WHILE WORKERS SPREAD BEDDING SAND. 0.0 PPM
WORKING ON GALV. SECTION TO GO UNDER FOOTING AND THRU SLAB
ELECTRICIAN GETTING CONDUIT READY

BY: _____ PAGE 1 OF 2

DAILY PROJECT REPORT
SITE INSPECTION

THE JOHNSON COMPANY, INC.
Environmental Sciences and Engineering
MONTPELIER, VERMONT

INSPECT.DWG

WEATHER _____
TEMPERATURE _____
TIME _____

REF. LOC. 1-0741-1
DATE 9/1/92
REPORT NO. 7

MUNICIPALITY _____
PROJECT NAME WELLS G&H / UNIFIRST SITE
CONTRACTOR _____
SUB CONTRACTOR _____

DESCRIPTION OF PROJECT ACTIVITIES AND OTHER OBSERVATIONS

LAYING PIPE AND CONDUIT

~12:30 PLACE CONCRETE FOR THRUST BLOCKS @ 45°s
MEASURE 45°S LOCATION / PIPE FROM FENCE

USING NATIVE SOIL PICKED OF ROCKS / PVT.
BACKFILL ~ 6-12" LIFTS / 4 PASSES W/ COMPACTOR
GOOD COMPACTION

BACKFILLED / COMPACTED W/IN 2 FT. OF PVT. SURFACE
IN AREA PAVED

NEED DETECTABLE WARNING TAPE / FES WILL
BRING IN AM.

~5:30 BREAK (FES) FOR DAY

TAKE ELEV. ON LOWER PIPE WHERE NOT BACKFILLED
WRITE INSPECT REPORT / SKETCH AS-BLT LOCATION.

ON-SITE UNTIL 18:00

BY: Jack Bdwy

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DAILY PROJECT REPORT
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CONTINUATION

THE JOHNSON COMPANY, INC.
Environmental Sciences and Engineering
MONTPELIER, VERMONT

INSPECT.DWG

WEATHER Mostly Sunny	REF. LOC. 1-0741-1	CALENDAR DAYS CONTRACT ____
TEMPERATURE 75°F	DATE 9/2/92	CALENDAR DAYS CONSUMED ____
TIME 7:00 - 18:00	REPORT NO. 8	CALENDAR DAYS REMAINING ____

MUNICIPALITY WOBURN, MA.
PROJECT NAME WELLS G&H N.E. QUAD. / UNIFIRST SITE
CONTRACTOR FRANKLIN ENVIR. SERVICES
SUB CONTRACTOR

LABOR		EQUIPMENT	NO.	SIZE	WORK	
GEN. SUPER.		BACKHOE	CAT.	446	SITE WORK	
FOREMAN	✓	LOADER/BACKHOE			EXCAVATION	
EQUIP. OPER.	✓	F.E.LOADER			UTILITIES	
PIPELAYER	✓	BULLDOZER			PIPE	
LABORER		GRADER			MANHOLES	
MASON		PAVER			SHEETING	
DRIVER		ROLLER			BACKFILL	X
UNIF.POLICE		TRUCK			RESTORATION	
JOHN LEIGHTON		COMPACTOR			TESTING PIPE	
JOHN COBERA (AM)		COMPRESSOR			TESTING MH	
TOM McCOY		BOBCAT			HOUSE SERV.	
JIM SAYLORS					PAVING	
MARRIO FERREIRA					SEEDING	

VISITORS TO SITE

NAME(S)	REPRESENTING

DESCRIPTION OF PROJECT ACTIVITIES AND OTHER OBSERVATIONS

ON-SITE 7:00 AM W/FRANKLIN H&S MEETING
~ 7:54 TWO TRAILER DUMP LOADS ~18yd ARRIVED
SHOOT ELEVS. TOP OF INF. PIPE FROM WELL TO OVERLAP W/THAT FROM BLOW
WORKERS PLACING IMPORTED BACKFILL
~8:55 NEW WELL PUMP ARRIVES VIA UPS
9:20 CHECK TRENCH WHERE NATIVE BKFILL. 0.0PPM
PLACING DETECTABLE WARNING TAPE OVER PIPE.
11:30 GET READING OFF BACKFILL; HAVE BUCKET PLACED W/OTHER SOIL IN N. PILE; CONTINUE TO MONITOR NATIVE SPOIL; STOCKPILE IN N.PILE; SOIL ADDED ~15yds

BY: _____ PAGE ____ OF ____

DAILY PROJECT REPORT
SITE INSPECTION

THE JOHNSON COMPANY, INC.
Environmental Sciences and Engineering
MONTPELIER, VERMONT

INSPECT.DWG

WEATHER _____
TEMPERATURE _____
TIME _____

REF. LOC. _____
DATE 9/2/92
REPORT NO. 8

MUNICIPALITY _____
PROJECT NAME WELLS G&H
CONTRACTOR _____
SUB CONTRACTOR _____

DESCRIPTION OF PROJECT ACTIVITIES AND OTHER OBSERVATIONS

CONTINUE USING IMPORTED FILL TO BACKFILL INF. TRENCH

~13:40 NEW CARBON TANK ARRIVES VIA YELLOW FRT.

BACKFILLING NATIVE MATERIALS ~10 FT AWAY FROM AREA WHERE CONT. SOILS, 0.0 ppm in soil.

~15:20 PVT. BEING RIPPED STARTING FROM TERMINUS @ C.B. GRATE.
MONITOR, NO READINGS.

15:45 MEET W/ JIM DINARDO OF STORAGE DEPOT RE ACCESS TO WEST BLOCKED.

16:15 STOP PVT. EXC.

16:30 SECURE SITE
MEET W/GRETA GO OVER SCHED. ETC.

18:00
~ 18:15 LOCK GATE

BY: Jack Bohn

DAILY PROJECT REPORT
SITE INSPECTION
CONTINUATION

THE JOHNSON COMPANY, INC.
Environmental Sciences and Engineering
MONTPELIER, VERMONT

INSPECT.DWG

WEATHER RAINY	REF. LOC. 1-0741-1	CALENDAR DAYS CONTRACT
TEMPERATURE ~70°F	DATE 9/3/92	CALENDAR DAYS CONSUMED
TIME 6:00 - 18:00	REPORT NO. 9	CALENDAR DAYS REMAINING

MUNICIPALITY WOBURN, MA.
PROJECT NAME WELLS G&H N.E. QUAD. / UNI-1ST SITE
CONTRACTOR FRANKLIN ENVIR. SERVICES
SUB CONTRACTOR

LABOR	EQUIPMENT	NO.	SIZE	WORK
GEN. SUPER.	BACKHOE	CAT 446	4x4	SITE WORK
FOREMAN	LOADER/BACKHOE			EXCAVATION (TRENCH)
EQUIP. OPER.	F.E.LOADER			UTILITIES
PIPELAYER	BULLDOZER			PIPE
LABORER	GRADER			MANHOLES
MASON	PAVER			SHEETING
DRIVER	ROLLER			BACKFILL
UNIF.POLICE	TRUCK			RESTORATION
J. LEIGHTON	COMPACTOR			TESTING PIPE
J. CADERA	COMPRESSOR			TESTING MH
J. SAYLOR S.				HOUSE SERV.
M. FERREIRA	BOBCAT			PAVING
M. ENGLAND	2 - ROLL-OFFS			SEEDING
B. WALLACE				DISCHARGE LINE

VISITORS TO SITE

NAME(S)	REPRESENTING

DESCRIPTION OF PROJECT ACTIVITIES AND OTHER OBSERVATIONS

6:00 AM OPEN GATE FOR 1ST ROLLOFF
6:30 CALIBRATE OVM 6:40 2ND ROLLOFF
BEGIN PLACING SOUTH PILE INTO 1ST ROLLOFF
25 ppm on soil < 1 IN BREATHING ZONE
~7:35 FINISH LOADING 1ST ROLLOFF W/BOBCAT

~8:00 HAVE BOBCAT START MOVING N. PILE TO ROLLOFF #2
50 ppm in soil HAVE OPERATOR WEAR RESPIRATOR

~8:10 SHUTDOWN SOIL MOVING, STARTING TO RAIN
GETTING SUSTAINED (>90 sec) 1-2 ppm READINGS
IN AREA BEHIND (NORTH) OF BLDG. NO WIND
COVER PILE BACK UP W/POLY

~9:25 MONITOR SUBSOIL READING AS PIT RIPPING
RESUMES; NO READING (IE 0.0ppm) BEGINNING TO RAIN
START ON DISCHARGE TRENCH @ TERMINUS END.

BY: _____ PAGE _____ OF _____

DAILY PROJECT REPORT
SITE INSPECTION

THE JOHNSON COMPANY, INC.
Environmental Sciences and Engineering
MONTPELIER, VERMONT

INSPECT.DWG

WEATHER _____
TEMPERATURE _____
TIME _____

REF. LOC. _____
DATE 9/3/92
REPORT NO. 9

MUNICIPALITY _____
PROJECT NAME WELLS G&H
CONTRACTOR _____
SUB CONTRACTOR _____

DESCRIPTION OF PROJECT ACTIVITIES AND OTHER OBSERVATIONS

~10:30 FINISH RIPPING PVT. / COMMENCE TRENCH EXC.

~11:15 MEET W/ LT. OF WOBURN F.D.

12:30 RAINING HARDER.
MONITORING TRENCH SIDES / BOTTOM W/ JAR — HEAD SPACE IN BACK OF TRUCK
TRENCH EXC. TO GRADE
BEDDING PLACED 1/3 OF LENGTH

15:40 SECURE SITE / TRENCH W/ EQUIP. & WARNING TAPE.

MEET W/ GROTTA / STL

18:00 DISCUSS AUTO VALVE W/ PLUMBER AND JRB

BY: [signature]

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THE JOHNSON COMPANY, INC.
Environmental Sciences and Engineering
MONTPELIER, VERMONT

INSPECT.DWG